AL-Farahidi University

College of Technical Engineering

Architectural Department

دليل البرنامج الدراسي

بكالوريوس هندسة العمارة

مسار بولونيا ٢٠٢٣-٢٠٢٤

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: .... AL-Farahidi University

Faculty/Institute: .... College of Technical Engineering

Scientific Department: .... Architectural Department

Academic or Professional Program Name: .... Bachelor's degree in Architecture

Final Certificate Name: .... Bachelor's degree in Architecture

Academic System:

Description Preparation Date: 2024

File Completion Date: 2024

M. Alsayed

Signature   **Signature**

Head of Department Name   **Scientific Associate Name**

Dr.Muna Mohammad N. Alsayed

Date 22/2/2024   **Date**

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance

Department:

Date:

Signature

Approval of the Dean

1. Program vision

Architecture is considered both a logical science and an art with one of its most important foundations being the factors of time place, and people. Consequently, architectural outcomes are defined based on indicators rooted in the environment heritage and the characteristics of local and Islamic architecture. The mission of the Department of Architecture is to prepare graduates in architecture according to scientific and intellectual principles that enable them to analyze modern architectural trends. They should be capable of critically evaluating prevailing architecture, both locally and globally and revitalizing the concept of urban heritage in Iraq. The department emphasizes the uniqueness of Iraqi architecture by developing its curriculum in both practical and theoretical aspects while emphasizing the concepts of modernity and contemporaneity.

2. Program mission

The Department of Architecture seeks to keep pace with the latest developments in the world in the field of architecture and building technology and tries hard to direct its students to apply the latest innovations in this field in order to advance the reality of Iraqi society and raise it to the ranks of developed countries in architecture. It also seeks to achieve integration between academic curricula and practical life, taking into account the requirements of the local environment in terms of the social, climatic and cultural environment and the exploitation of natural resources available in the Iraqi environment.

3. Program Objectives

Establishing a base of scientific staffs that have the abilities of creativeness in which the mind is elevated to comprehend Iraq's new objectives.

Enabling the graduate to play his specialized and effective role in building his homeland by strengthening the moral and national concepts associated with the nation's heritage and its scientific and intellectual specificity.

Enhancing this heritage in the practical field, the ability to enhance the spirit of steadfastness and expansion in reconstruction and innovation.

4. Program Accreditation

Liverpool
5. Other external influences/group of universities (Eastern Europe) and the United States of America.
Ministry of Higher Education and Scientific Research

5. Other external influences

6. Program description				
Grad	**Code**	**Subject**	**Semester Hours/Week**	
2023-2024			**theoretical**	**practical**
First Year				
annual	AFU13011	Architectural Design	**1**	**4**
course	AFU13012	Architectural drawing	**1**	**2**
course	AFU13013	Principles of art and architecture	**2**	**-**
course	AFU13015	English Language I	**2**	**-**
course	AFU13016	Computers I	**2**	**-**
course	AFU13017	Workshops	**-**	**4**
course	AFU13014	Mathematic	**2**	**-**
Second Year				
2023-2024	Arc 201	Architectural Design	2	8
annual	Arc 202	Architectural drawing and presentation	1	2
annual	Arc 203	Freehand Drawing	1	2
annual	Arc 204	Building Construction II	1	3
	Arc 205	Structure I	2	-
course	Arc 206	History of Iraqi Architecture I	2	-
course	Arc 207	Logic and Design Methodology	2	-
course	Arc 206	History of Iraqi Architecture II	2	-
annual	G.S 208	Computers II	1	2
course	G.S 209	English Language II	2	-
Third Year				
annual	Arc 301	Architectural Design	2	10
annual	Arc 302	Building Construction III	2	3
annual	Arc 303	Structure II	2	-
annual	Arc 304	Planning Principle	2	-
annual	Arc 305	History of Architecture III	2	-
course	C.E 306	Sanitary Services	2	-
course	G.S 307	Air-Conditioning Services	2	-
course	G.S 308	Lighting Services	2	-
	G.S 309	Computer Programming III	1	2
course	Arc 310	Methods of Conservation	2	-
course	G.S 311	English Language III	2	-
Forth Year				
	Arc 401	Architectural Design	2	10

course	Arc 402	Interior Design	1	4
course	Arc 403	Landscape Design	1	3
course	Arc 404	Advanced Building Technologies	2	-
course	Arc 405	Housing Planning	2	-
course	Arc 406	Housing	2	-
annual	Arc 407	Theories of Architecture	2	-
annual	Arc 408	Islamic Arab Architecture	2	-
course	Arc 409	Architecture and Climate	2	-
course	Arc 410	Acoustics of Architecture	2	-
course	Arc 411	Theories of Urban Design	2	-
course	Arc 414	Techincal construction	2	-
course	C.E 412	Surveying	2	-
Fifth Year				
annual	Arc 501	Architectural Design	3	9
annual	Arc 502	Thesis Project	2	6
course	Arc 503	Specification and Estimation	2	-
course	Arc 504	Profession Practice	2	-
course	Arc 505	Theories of Architectural Design	2	-
course	Arc 506	Theories of Architectural Criticism	2	-
course	Arc 507	Contemporary Iraqi Architecture	2	-
course	Arc 508	Contemporary Arab Architecture	2	-
course	Arc 509	Philosophy of Architecture	2	-

7. Expected learning outcomes of the program	
	Knowledge
Statement of learning outcomes	Learning Outcomes
	Skills
Statement of learning outcomes	Learning Outcomes
	Ethics
Statement of learning outcomes	Learning Outcomes

8. Learning and teaching strategies
Learning and teaching methods: lecture, ceremony, field tours on work sites (architectural and civil), systematic teaching, summer training.

9. Evaluation methods
Oral exams, written exams, semester exams, final exams, daily and continuous assessment.

10 .Faculty
Faculty Members

Academic Rank	Specialization		Special requirements/skills	Number of the teaching staff	
	general	precise	If applicable	Staff	lecturer
DR. Muna Mohammed Naffa Ahmed	Architectural Engineering	Urban and regional planning	Writing research and writing scientific books/using computer programs	√	
DR. Moyasser Ali	Fine arts/drawing	The technical variable in contemporary composition methods		√	
Mazin Abdulader Saleh	Civil Engineering	Project Management	Managerial skills	√	
Dhuha kasim Ali	Architectural Engineering	Urban planning	Use of various computer programs	√	
Yasser Hamid Mohammed Ali	Architectural Engineering	Digital architecture	Use of various computer programs	√	
Hussam Ali Talib	Architectural Engineering	Interior design and independence	Use of various computer programs	√	
Fouz Haider Abedalkareem	Architectural Engineering	Architectural design	Use of various computer programs / drawings	√	
Halah Issa Fadhil	Architectural Engineering	Theory and urban design	Use of various computer programs	√	
Sarah Mazin Abdul-rahman	Architectural Engineering	Architecture technology	Use of various computer programs	√	
Saifallah Adil Wafiqe Abdulrahman	Architectural Engineering	Parametric architecture	Use of various computer programs	√	
Ahmed Nameer Taha	Architectural Engineering	Housing and urban	Drawing, translation and writing	√	
Dr. Muhsin Jabar Auda	Architectural Engineering	Informatics and smart city applications			√
Dr. Mohammed Mahdi Hussien	Architectural Engineering	Urban development			√
Ayat Ali Yassin	Architectural Engineering	Islamic architecture and environment			√
Salam Abdalhussain Jawad	Architectural Engineering				√

Professional Development
Mentoring new faculty members
Teaching methods courses and development of electronic teaching methods
Educational sessions, seminars, and study on how to analyze information and reach decisions
Professional development of faculty members
Courses on teaching methods, developing electronic teaching methods, and courses introducing quality assurance and teaching and learning strategies
Follow the latest developments and developments
Review evidence and matters that need to be addressed

11. Acceptance Criterion
The desire of students to apply to join the Department of Architectural Engineering is the standard in force at the Technical College of Engineering at Al-Farahidi University by applying on the Ministry's website. In addition, the applicant's average for joining the department is taken into consideration.

12. Program Development Plan
Self-evaluation is when an educational institution evaluates a particular academic program as part of a program review and within an internal quality management and assurance system.
Holding meetings and discussions including:
Meeting with relevant authorities (a sample of graduates, employers, and other partners(
The effectiveness of quality assurance and management processes: a meeting with members of the educational community.
Review the evidence and any gaps or matters that need to be followed up
Review committee meeting: reviewing additional documents, including a sample of corrected student work
Meeting with a group of students
Review Oral feedback to the review coordinator and members of the educational staff

Program Skills Outline															
				Required program learning outcomes											
Year/level	Course code	Course name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Second Year	Arc 201	Architectural Design	Basic	√	√	√	√	√				√	√		
	Arc 202	Architectural Graphics	Basic	√	√		√	√	√	√		√	√		
	Arc 203	Freehand Drawing	Basic	√	√		√	√	√	√		√		√	
	Arc 204	Building Construction II	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 205	Structure I	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arc 206	History of Iraqi Architecture I	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 207	Logic and Design Methodology	Basic	√	√	√	√	√	√	√		√	√		
	Arc 206	History of Iraqi Architecture II	Basic	√	√	√	√	√	√	√	√	√	√	√	
	G.S 208	Computers II	Basic	√	√	√	√	√	√	√	√	√	√	√	√

	G.S 209	English Language II	Basic	√	√	√	√	√	√	√	√	√	√	√	√

Program Skills Outline															
				Required program learning outcomes											
Year/level	Course code	Course name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Third Year	Arc 301	Architectural Design	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arc 302	Building Construction III	Basic	√	√		√	√			√	√	√	√	
	Arc 303	Structure II	Basic		√		√	√	√		√		√	√	√
	Arc 304	Planning Principles	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 305	History of Architecture III	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	C.E 306	Sanitary Services	Basic	√	√	√	√	√	√	√	√	√	√		
	G.S 307	Air-Conditioning Services	Basic	√	√	√	√	√	√	√	√	√	√		
	G.S 308	Lighting Services	Basic	√	√	√	√	√	√			√	√		
	G.S 309	Computer Programming III	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 310	Methods of Conservation	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	G.S 311	English Language III	Basic	√	√	√	√	√	√	√	√	√	√	√	√

Program Skills Outline															
				Required program learning outcomes											
Year/level	Course code	Course name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Forth Year	Arc 401	Architectural Design	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arc 402	Interior Design	Basic	√	√		√	√	√	√	√	√	√		
	Arc 403	Landscape Design	Basic	√	√		√	√	√	√	√	√	√		
	Arc 404	Advanced Building Technologies	Basic	√	√	√	√	√	√	√		√	√	√	√
	Arc 405	Housing Planning	Basic	√	√	√		√	√	√		√	√	√	√
	Arc 406	Housing	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 407	Theories f Architecture	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arc 408	Islamic Arab Architecture	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 409	Architecture and Climate	Basic	√	√	√	√	√	√	√	√	√	√		
	Arc 410	Acoustics of Architecture	Basic	√	√	√	√	√			√	√	√	√	
	Arc 411	Theories of Urban Design	Basic	√	√	√	√	√	√	√	√	√	√	√	√

| | C.E 412 | Surveying | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |
| | Arc 414 | Techincal construction | Basic | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ | √ |

Program Skills Outline															
				Required program learning outcomes											
Year/level	Course code	Course name	Basic or optional	Knowledge				Skills				Ethics			
			Basic	A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
Fifth Year	Arc 501	Architectural Design	Basic	√	√	√	√	√	√	√		√	√		√
	Arc 502	Thesis Project	Basic	√	√		√	√	√	√		√	√		√
	Arc 503	Specification and Estimation	Basic	√	√		√	√	√	√	√	√	√	√	
	Arc 504	Profession Practice	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arc 505	Theories of Architectural Design	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 506	Theories of Architectural Criticism	Basic	√	√	√	√	√	√			√	√		
	Arc 507	Contemporary Iraqi Architecture	Basic	√	√	√	√	√	√	√	√	√	√	√	
	Arc 508	Contemporary Arab Architecture	Basic	√	√	√	√	√	√	√	√	√	√	√	√
	Arc 509	Contemporary Arab Architecture	Basic	√	√	√	√	√	√	√	√	√	√	√	√

● Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

GRADING SCHEME				
مخطط الدرجات				
Group	Grade	التقدير	Marks (%)	Definition
Success Group (50 - 100)	**A** - Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C - Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	**FX** – Fail	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
	Note:			

NB Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.